Appendix B

Written Description For Claims 32 and 33 In Applicants' Specification

Applicants' Claims 32 and 33	Disclosure in Applicants' Specification
32. A system for automated extraction of data from a molecular array having features arranged in a regular pattern, the system comprising:	Page 1, lines 9-11; Page 2, lines 21-24; Page 2, line 28 to Page 3, line 19; Page 26, lines 22-32; Figs. 6A and 6B.
a scanning component that produces an image of the molecular array representing intensities of data signals emitted from discrete positions on a surface of the molecular array;	Page1, lines 21-23; Page2, lines 28-36; Page 2, line 38 to Page 3, line 5; Page 3, lines 9-19; Page 6, lines 10-11; Page 8, lines 4-9; Page 12, lines 21-27; Page 11, lines 20-36; Page 17, line 10-17; Page 17, line 36 to Page 18, line 17; Page 20, lines 21-28; Page 23, lines 8-17; Figs. 1A-C, 2, 3A, 3B, 4A, 4B, 4C and 5.
a computer program that processes the image of the molecular array produced by the scanning component to identify the location of features in the image of the molecular array corresponding to molecules bound to features of the molecular array and that extracts data from the located features within an image of the molecular array;	Page 25, lines 29-37; Page 26, lines 17-32; Page 28, lines 1-7; Figs. 6A and 6B.
and a computer for executing the computer program.	Page 1, lines 23-29; Page 3, lines 5-8; Page 10, lines 26-31; Page 12, lines 7-20; Page 19, lines 19-21; Page 22, lines 7-13; Page 26, lines 28-32; Page 25, lines 29-31.
33. A method for evaluating an orientation of a molecular array having features arranged in a pattern, the method comprising:	Page 26, lines 22-32; Figs. 6A and 6B.

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(a) receiving an image of the molecular array produced by scanning the molecular array to determine data signals emanating from discrete positions on a surface of the molecular array;	Page 25, lines 29-37 Page 26, line 22-Page 27, line 13; Figs. 1A-C, 2, 3A, 3B, 4A, 4B, 4C and 5.
(b) calculating an actual result of a function on pixels of the image lying in a pattern; and	Page 27, lines 14-20.
(c) altering the orientation of the pattern on the array and repeating steps (a) and (b) as needed until the results of the comparison are within the predetermined difference.	Page 26, lines 17-32; Page 28, lines 1-7; Figs. 6A and 6B.

USSN 10/828,613
Appendix B to Third Supplemental Preliminary Amendment
And Supplement To Request For Interference

INTERFERENCE INITIAL MEMORANDUM

Count #_____

To the Board of Patent Appeals and Interferences:

An interference is proposed involving the following ___2___ parties

PARTY Junior Party Yakhini et al.	APPLICATION NO. 09/589,046	FILING DATE 06/06/2000	PATENT NO., IF ANY 6,591,196	ISSUE DATE, IF ANY 07/08/2003

If the involved is a patent, have its maintenance fees been paid? Yes ___—___ No ___—___ Not due yet ___X___

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
USA	09/589,046	06/06/2000	6,591,196	07/08/2003

The claim(s) of this party corresponding to Proposed Count 1:
1-18

PATENTED OR PATENTABLE PENDING CLAIMS Patented claims 1-18	UNPATENTABLE PENDING CLAIMS N/A

The claim(s) of this party NOT corresponding to Proposed Count 1:
None

PARTY Junior Party Yakhini et al.	APPLICATION NO. 09/659,415	FILING DATE 09/11/2000	PATENT NO., IF ANY 6,768,820	ISSUE DATE, IF ANY 07/27/2004

If the involved is a patent, have its maintenance fees been paid? Yes ___—___ No ___—___ Not due yet ___X___

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
USA	09/659,415	09/11/2000	6,768,820	07/27/2004
USA	09/589,046	06/06/2000	6,591,196	07/08/2003

The claim(s) of this party corresponding to Proposed Count 1:
1-5

PATENTED OR PATENTABLE PENDING CLAIMS Patented claims 1-5	UNPATENTABLE PENDING CLAIMS N/A

The claim(s) of this party NOT corresponding to Proposed Count 1:
None

PARTY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
Senior Party Stern et al.	10/828,613	04/21/2004	N/A	N/A

If the involved is a patent, have its maintenance fees been paid? Yes___ No___ Not due yet X

Proposed priority benefit (list all intervening applications necessary for continuity):

COUNTRY	APPLICATION NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
USA	10/828,613	04/21/2004	N/A	N/A
USA	09/699,852	10/30/2000	6,741,344	05/25/2004
USA	08/823,824	03/25/1997	6,141,096	10/31/2000
USA	08/195,889	02/10/1994	5,631,734	05/20/1997

The claim(s) of this party corresponding to Proposed Count 1:
28-33

PATENTED OR PATENTABLE PENDING CLAIMS	UNPATENTABLE PENDING CLAIMS
Patentable pending claims 28-33	None

The claim(s) of this party NOT corresponding to Proposed Count 1:
None

(Check off each step, if applicable) **INSTRUCTIONS**

❏ 1. Obtain all files listed above.
❏ 2. Confirm that the proposed involved claims are still active and all corrections and entered amendments have been considered. The patents must not be expired for, among other things, failure to pay a maintenance fee (Check PALM screen 2970).
❏ 3. If one of the involved files is a published application or a patent, check for compliance with 35 U.S.C. 135(b).
❏ 4. Obtain a certified copy of any foreign benefit documents where necessary (37 CFR 1.55(a)).
❏ 5. Discuss the proposed interference with an Interference Practice Specialist in your Technology Center.

DATE	PRIMARY EXAMINER (signature)	ART UNIT	TELEPHONE NUMBER

DATE	INTERFERENCE PRACTICE SPECIALIST or TECHNOLOGY CENTER DIRECTOR (signature)	TELEPHONE NUMBER